Docket No. NC 84,598 Inventor(s): Singh et al.

Abstract

A bioactive catalytic material is disclosed for providing protection from chemical exposure. The material is composed of enzymes immobilized within polyelectrolyte multilayers and a polymerizable end-capping layer to render stability to enzymes. Also disclosed is the related method for making a bioactive catalytic material and their deposition on substrates of varying size, shape and flexibility for providing active protection from chemical exposure.